

ABSTRACT OF THE DISCLOSURE

A drier module, for use in a drier having a drier motor and one of two heat generation devices, namely gas or electric, is an interchange module of a drier of a gas or electric type and may be connected to a drier motor and to a gas control circuit of a gas drier or to an electric heater of an electric drier. During drier assembly, the module is adaptively modified, for example, by setting a switch position according to a desired mode, i.e., the intended drier type. The module includes a selection switch for selecting one of a gas mode and an electric mode; a first connector providing a connection to the drier motor and to a first heat generation device; a second connector providing a connection to the first heat generation device and to a second heat generation device; a microprocessor, electrically connected to the first and second connectors, for detecting a presence of an error condition with respect to the selected mode of the selection switch, based on the connections of the first and second connectors; a first relay, electrically connected between the microprocessor and first connector, for controlling power to the drier motor; a second relay, electrically connected between the microprocessor and first connector, for controlling power to the one of the two heat generation devices; a power supply for providing, under control of the microcomputer, operational power for the drier motor and first and second heat generation devices; and a display for displaying a message indicating the presence of the error condition.